

REINFORCING STRUCTURE FOR AUTOMOTIVE VEHICLES

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ABSTRACT OF THE DISCLOSURE

A reinforcing structure for automotive vehicles is disclosed, in which cross car beams (1) constituting a reinforcing structure for the instrument panel or the like include an upper cross car beam (1A) of a hollow bar such as a small-diameter pipe straight or having a plurality of curves and suspended between left and right front pillars, and at least a lower cross car beam (1B) of a hollow bar such as an L-shaped small-diameter pipe. The part of the lower cross car beam nearer to the driver's seat is in contact and welded with the upper cross car beam, and the part of the lower cross car beam not in contact with the upper cross car beam functions as a brace (5). A steering shaft (3) is mounted on the cross car beams in the direction crossing the cross car beams. A lower cross car beam (1C) of a similar shape to the lower car beam nearer to the driver's seat can also be arranged nearer to the front passenger seat.